



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Friday, November 25, 2016

Issued: 0800 CT

**Day 1 Weather Hazards: None.**

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Adam Baker  
817-978-1100 x 147**

# Key Points



## Today-Sunday

- Lingering showers/few storms across central/southern TX today
- Mostly quiet weather across the Region with no significant impacts

## Monday - Tuesday

- Potential for severe thunderstorms over E/SE TX into LA as well as heavy rainfall / flash flooding over Arkansas into the Arklatex

## Tropical Outlook

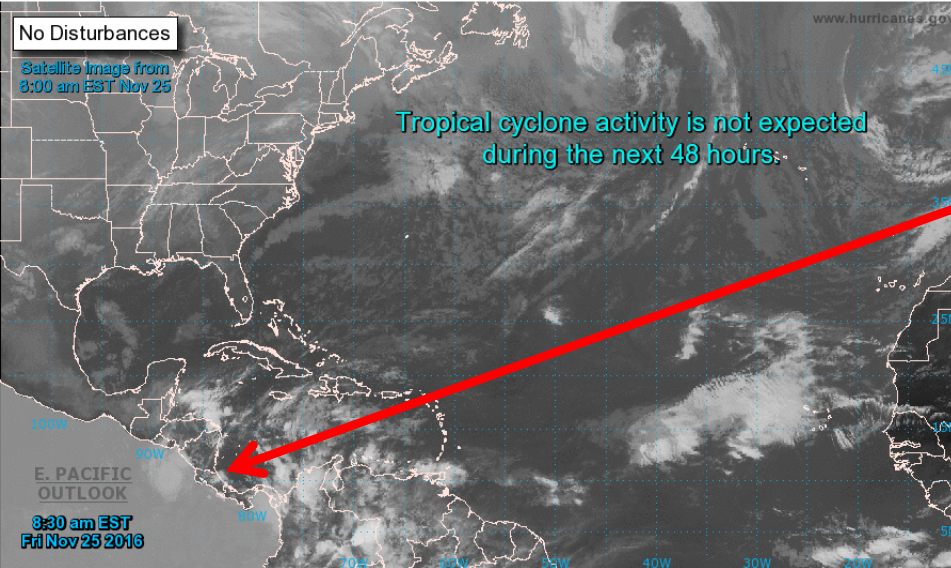
- Tropical Storm Otto has tracked into the far eastern Pacific on the west coast of Central America and will continue to move west over the next few days before dissipating. The track stays well south of the region - No impacts to FEMA Region 6

# Tropical Weather Outlook



## Two-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida

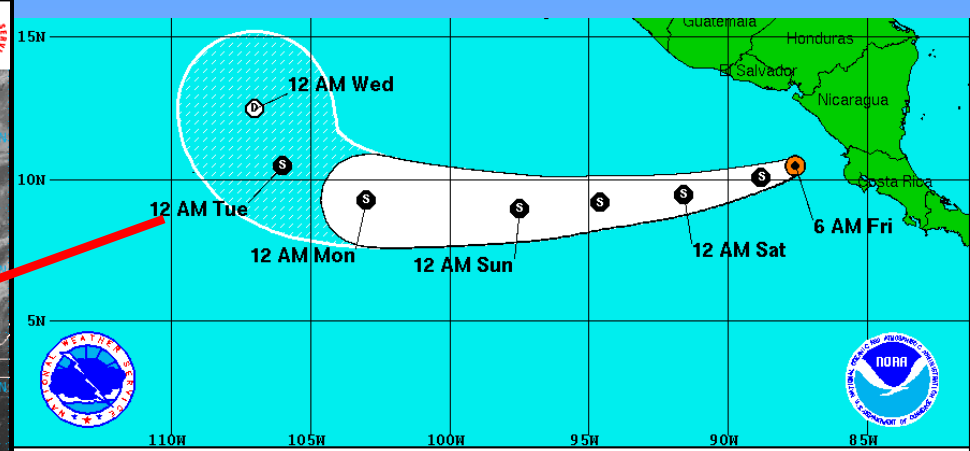


Current Disturbances and Two-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone Remnants

No new tropical cyclones are expected during the next 5 days.



**Tropical Storm Otto**  
Friday November 25, 2016  
6 AM CST Intermediate Advisory 18A  
NWS National Hurricane Center

**Current Information:**  
Center Location 10.5 N 87.6 W  
Max Sustained Wind 60 mph  
Movement W at 14 mph

**Forecast Positions:**  
 Tropical Cyclone Post-Tropical  
Sustained Winds: D < 39 mph  
S 39-73 mph H 74-110 mph M > 110mph

**Potential Track Area:**  
 Day 1-3 Day 4-5

**Watches:**

Hurricane

Trop.Storm

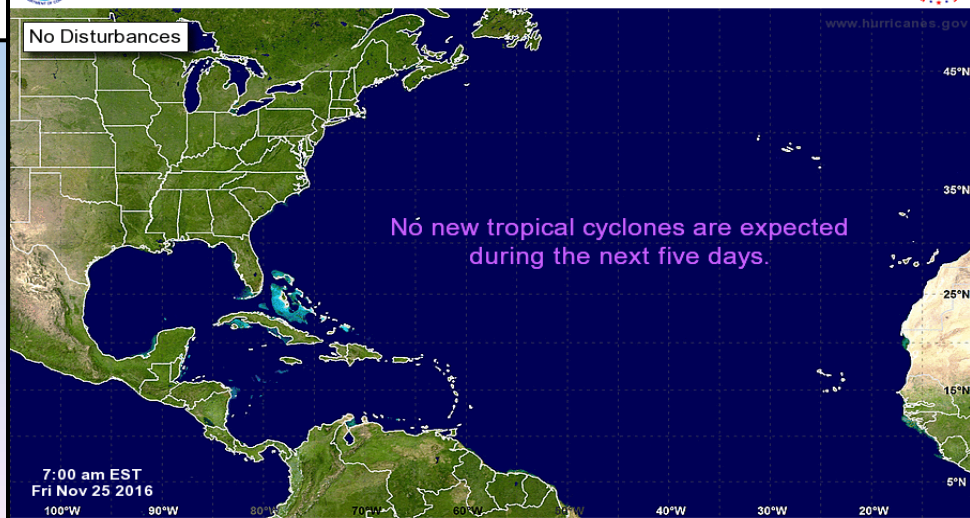
**Warnings:**

Hurricane Trop.Storm



## Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida

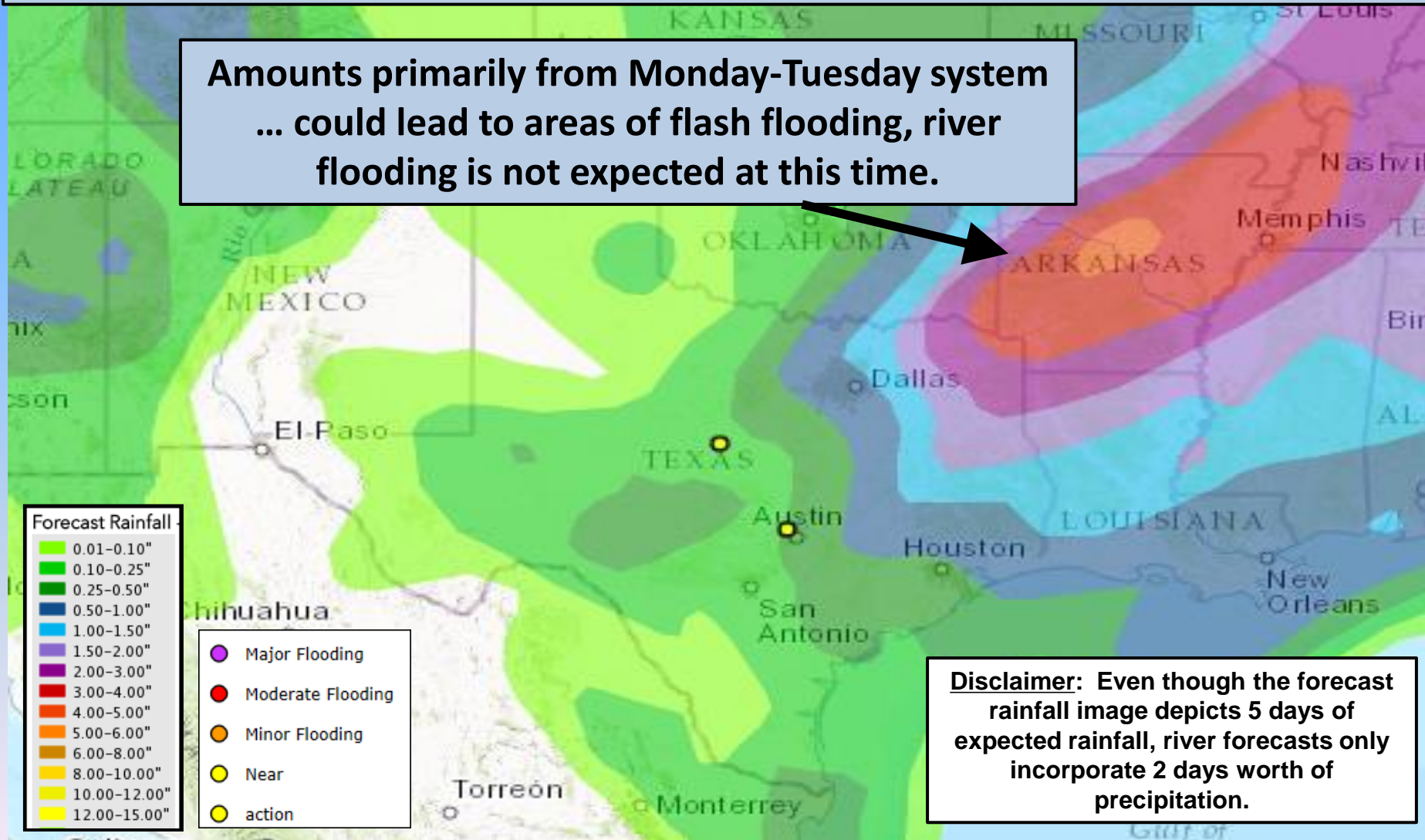


Tropical Cyclone Formation Potential for the Five-Day Period Ending at 7:00 am EST Wed Nov 30 2016  
Chance of Cyclone Formation in Five Days: Low < 40% Medium 40-60% High > 60%  
X indicates current disturbance location; shading indicates potential formation area.

# 5-Day Precipitation Forecast & River Flood Status

There is currently no significant river flooding observed/forecast across the Region.

Amounts primarily from Monday-Tuesday system  
... could lead to areas of flash flooding, river  
flooding is not expected at this time.



For the latest on river flooding: <http://water.weather.gov/ahps>



# \*FEMA Region 6 Threat Matrix

Nov 25, 2016 - Nov 29, 2016

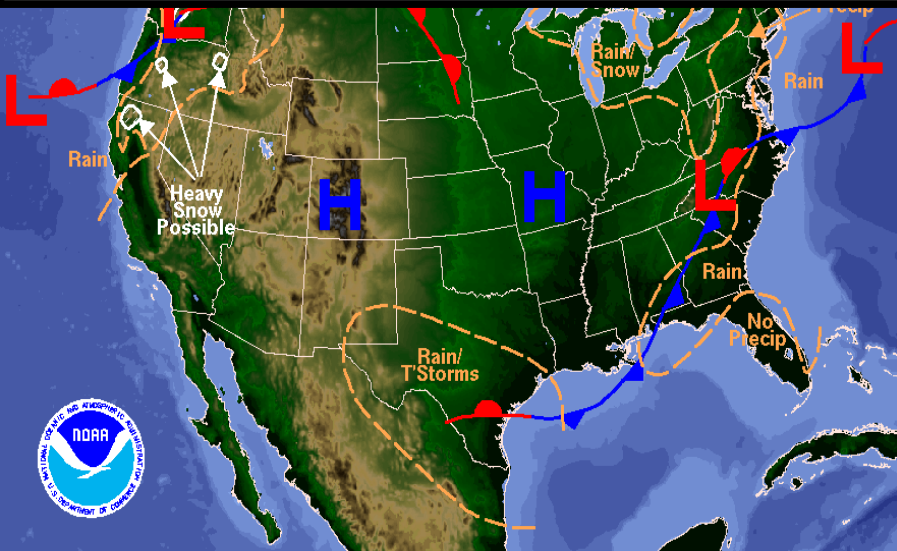
|                             | FRI | SAT | SUN | MON                    | TUE |
|-----------------------------|-----|-----|-----|------------------------|-----|
| Severe Weather              |     |     |     | E/SE TX, LA →          |     |
| Heavy Rain / Flash Flooding |     |     |     | AR into the Arklatex → |     |
| Tropical                    |     |     |     |                        |     |
| Fire Weather                |     |     |     |                        |     |
| River Flooding              |     |     |     |                        |     |

|  |                                   |
|--|-----------------------------------|
|  | No Weather Threats Expected       |
|  | Very Common – Happens Often       |
|  | Common – Happens Frequently       |
|  | Uncommon – A Few Times a Year     |
|  | Rare – Once Every 1-5 Years       |
|  | Very Rare – Once Every 5-10 Years |

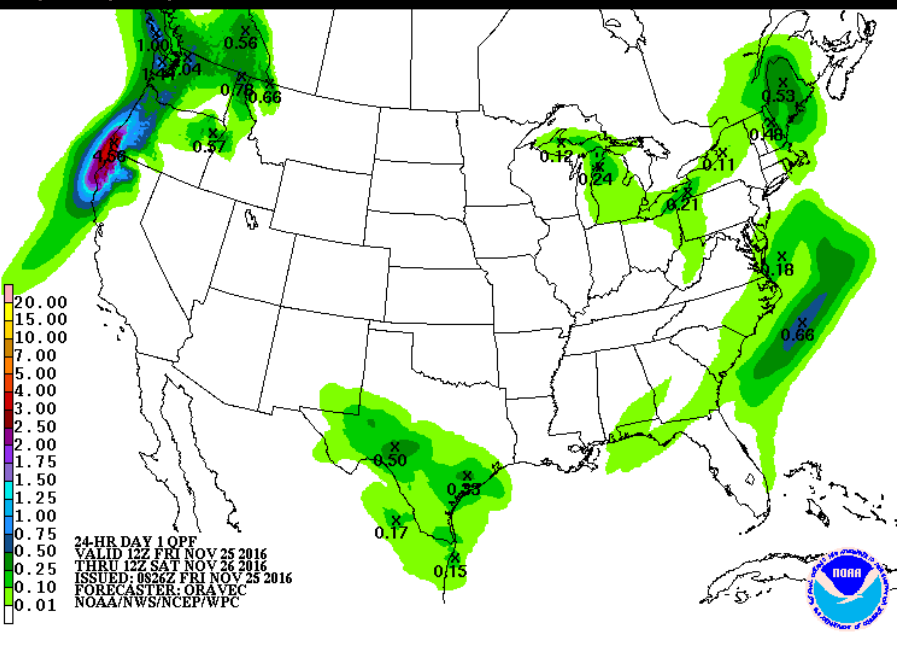
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



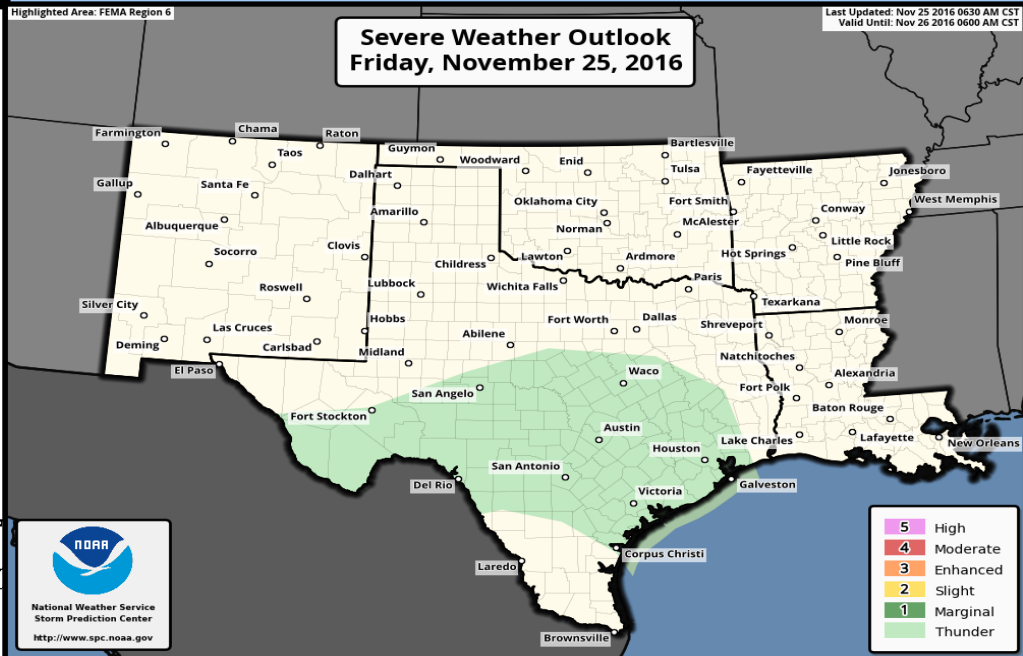
# Today's Weather



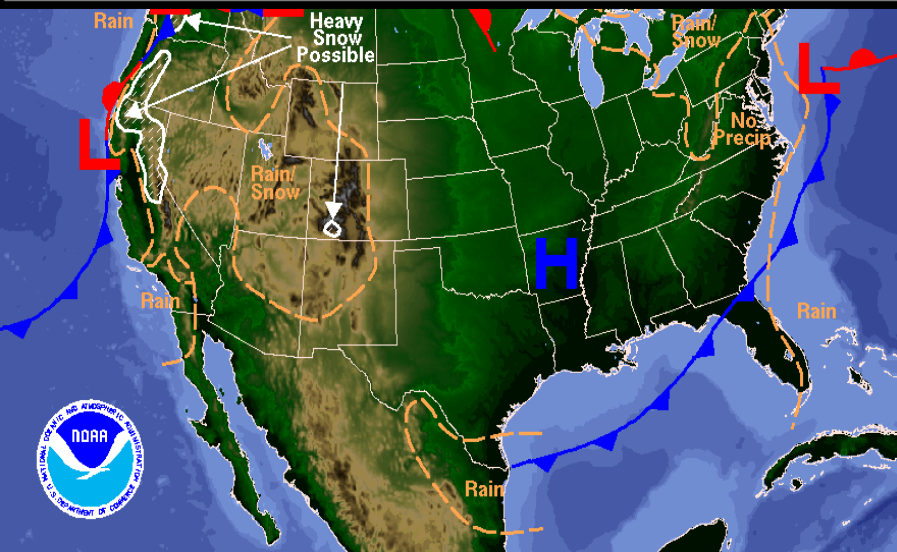
Weather Forecast for Fri, Nov 25, 2016, issued 4:36 AM EST  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



No significant weather expected.

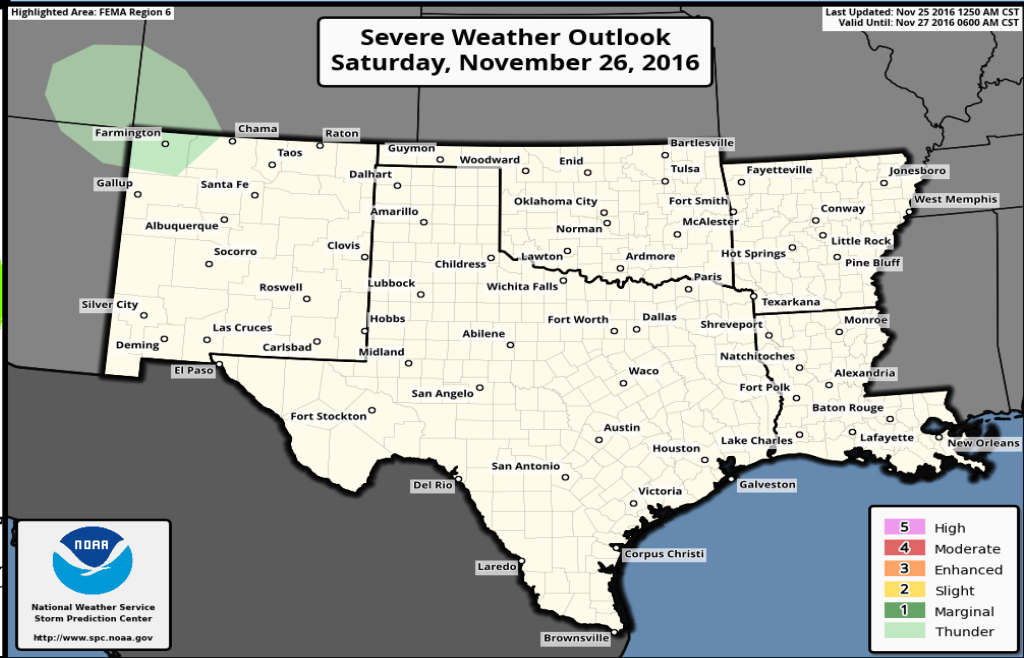
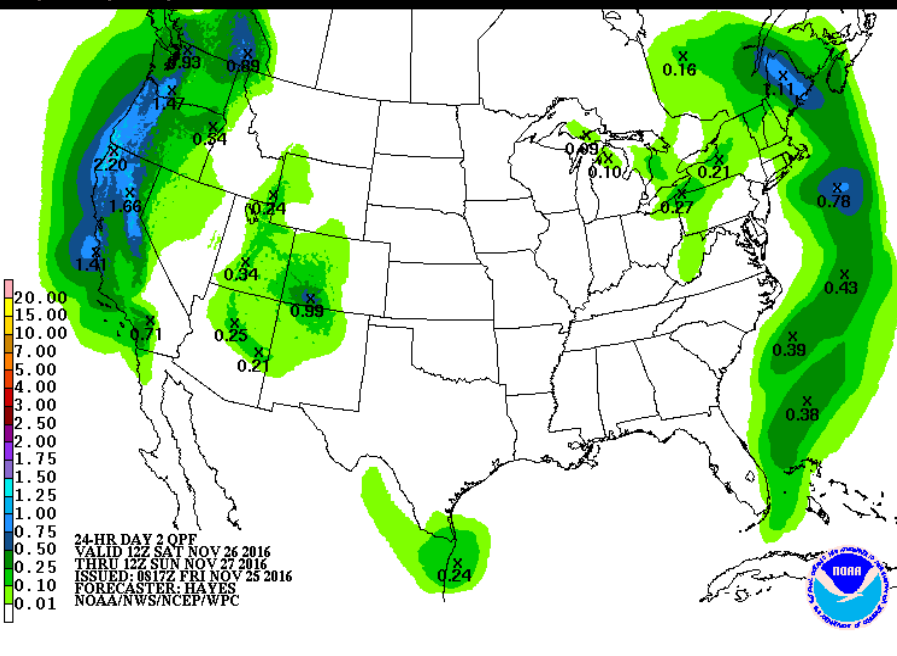


# Tomorrow's Weather

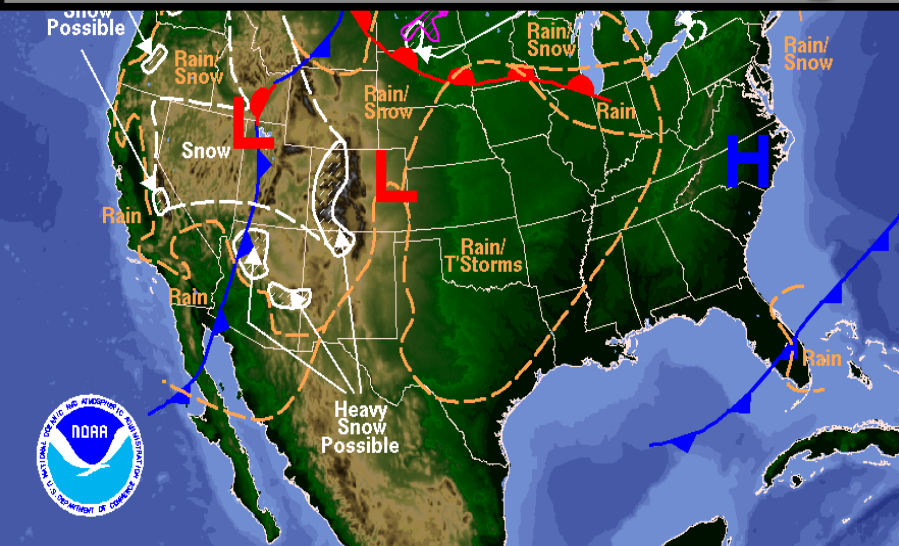


Weather Forecast for Sat, Nov 26, 2016, issued 4:53 AM EST Fri, Nov 25, 2016  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

**No significant weather expected.**

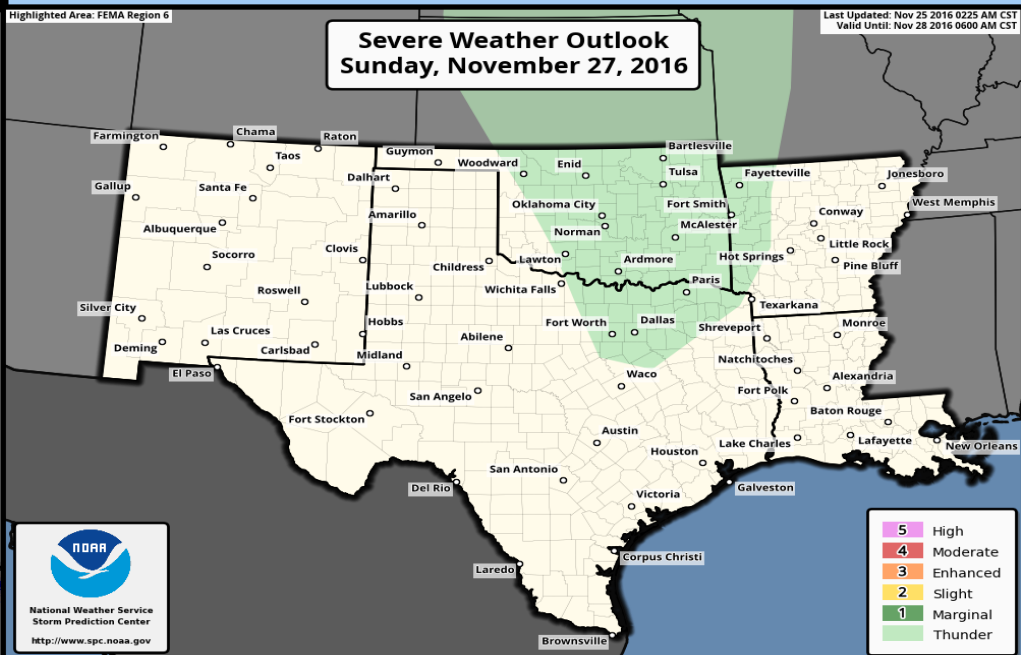
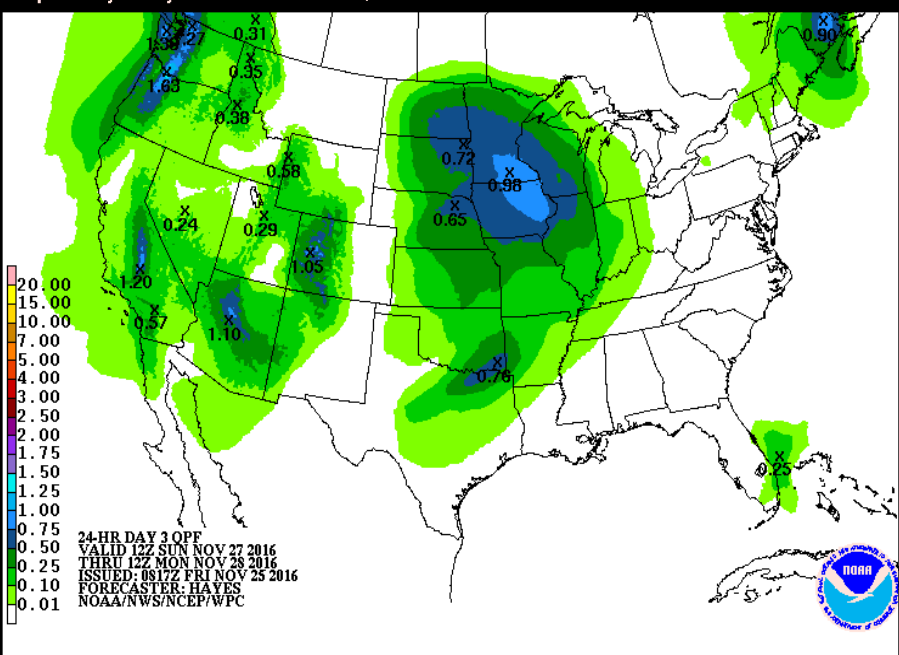


# Sunday's Weather



Weather Forecast for Sun, Nov 27, 2016, issued 5:00 AM EST Fri, Nov 25, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

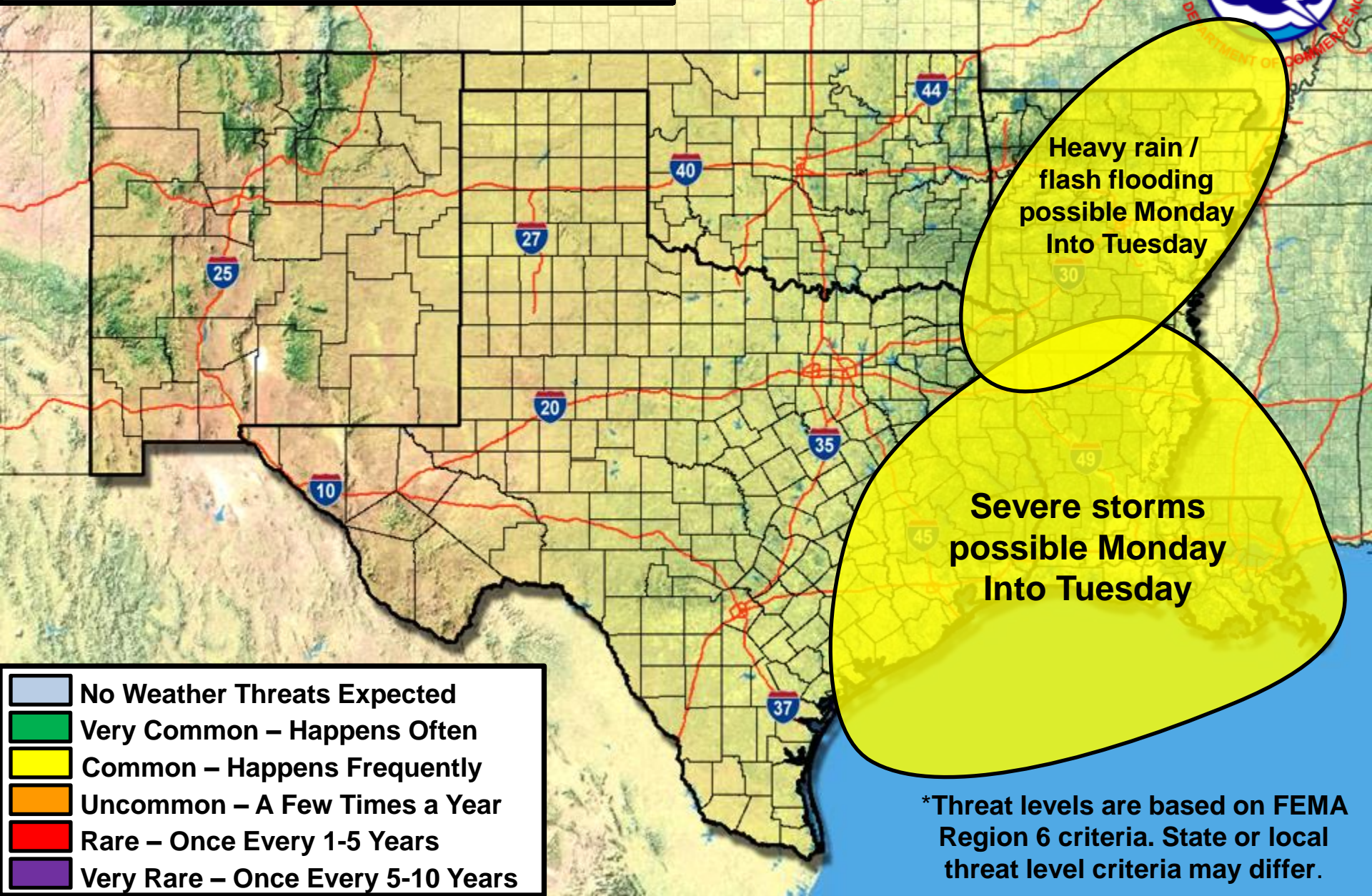
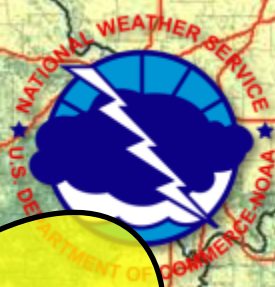
**No significant weather expected.**





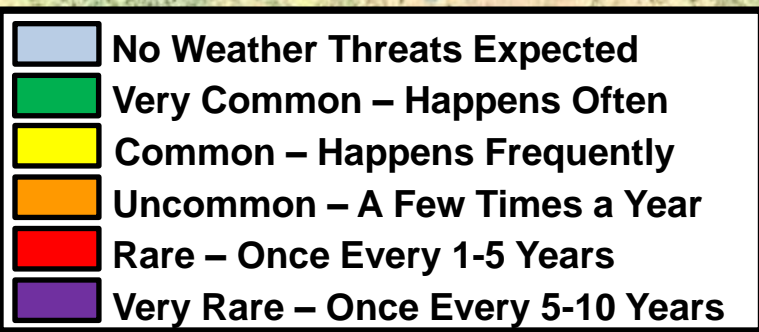
# Day 4-5 Weather Hazards

*Valid: 0800 Mon - 0800 Wed*



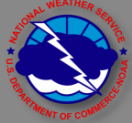
**Heavy rain /  
flash flooding  
possible Monday  
Into Tuesday**

**Severe storms  
possible Monday  
Into Tuesday**



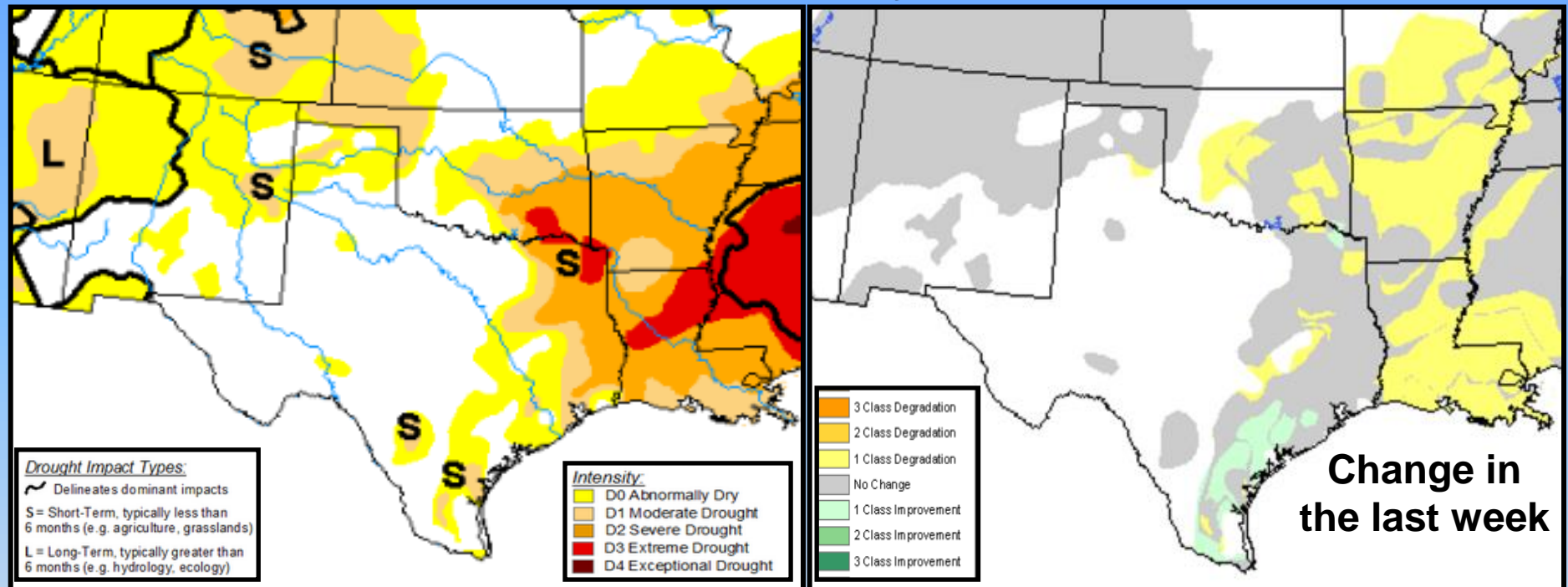
*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*





# Drought Monitor Released November 24, 2016

Data valid as of 7am CDT, Tuesday November 22, 2016



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

| State      | Current | Last Week | 3 Months Ago | 1 Year Ago |
|------------|---------|-----------|--------------|------------|
| Oklahoma   | 3.48%   | 0.65%     | 0.00%        | 0.00%      |
| Texas      | 1.09%   | 0.63%     | 0.00%        | 0.00%      |
| Arkansas   | 1.64%   | 1.13%     | 0.00%        | 0.00%      |
| Louisiana  | 20.79%  | 4.59%     | 0.00%        | 0.00%      |
| New Mexico | 0.00%   | 0.00%     | 0.00%        | 0.00%      |

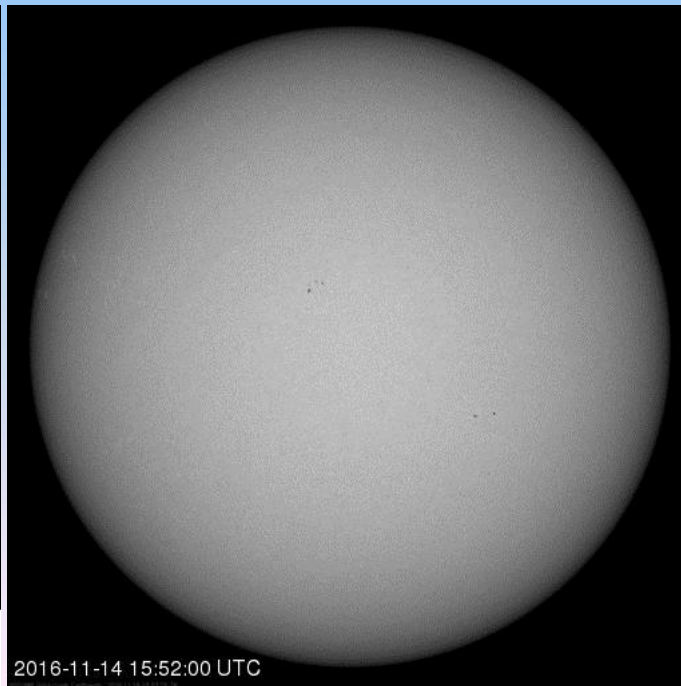
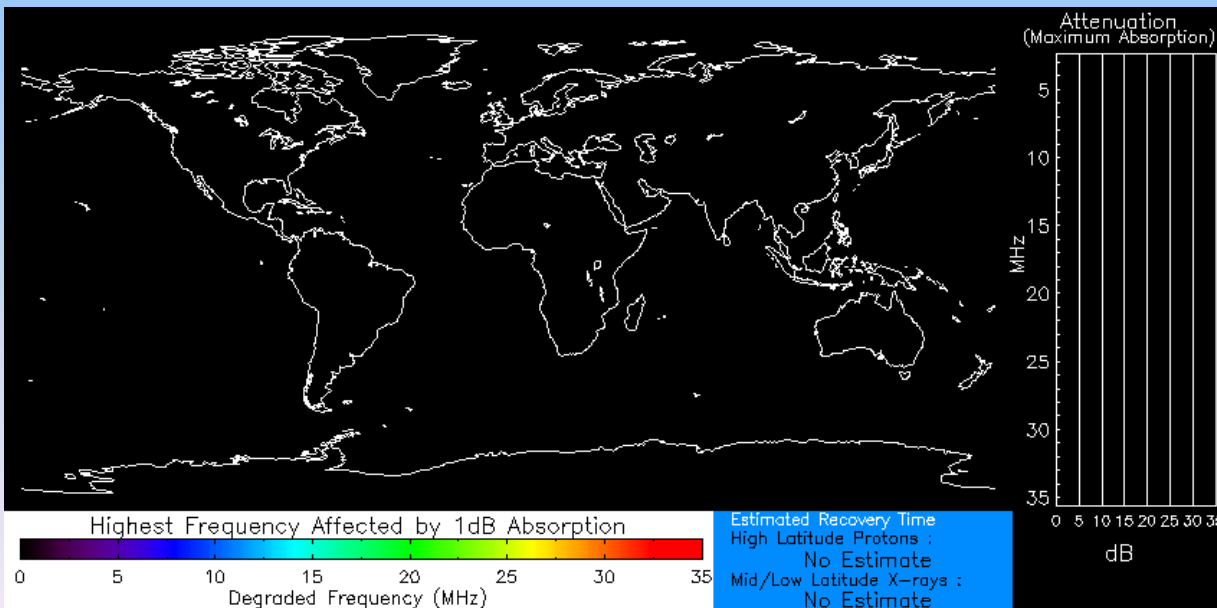
# Space Weather 3-Day Forecast



|                                      | Friday                            | Saturday                                    | Sunday                                      |
|--------------------------------------|-----------------------------------|---|---|
| <b>Geomagnetic Storms</b>            | <b>Unsettled<br/>(Max Kp = 3)</b> | <b>Unsettled to Active<br/>(Max Kp = 4)</b> | <b>Unsettled to Active<br/>(Max Kp = 4)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | 1%                                | 1%  | 1%  |
| <b>Radio Blackout (R1-R2)</b>        | 1%                                | 1%  | 1%  |
| <b>Radio Blackout (R3-R5)</b>        | 1%                                | 1%  | 1%  |

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background  
 Product Valid At : 2016-11-25 13:31 UTC

Normal Proton Background  
 NOAA/SWPC Boulder, CO USA

2016-11-14 15:52:00 UTC

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (817) 978-1100 x147

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



| Weather "Threat" Matrix |  |   |  |
|-------------------------|--|---|--|
| Color                   | Definition   | Criteria  | Example(s)   |
| Green                   | <b>Very Common</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines   | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active   | <ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>   |
| Yellow                  | <b>Somewhat Common – Happens Frequently</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life  | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook   | <ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>   |
| Orange                  | <b>Uncommon – A Few Times a Year</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                     | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red                     | <b>Rare – Once every 1-5 Years</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                            | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought  | <ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple                  | <b>Very Rare – Once Every 5-10 Years</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought                            | <ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>  |